

SEQUENCE LISTING

<110> Centre National de la Recherche Scientifique
 <120> Polypeptide inhibiting a proton-gated Na+ channel
 <130> 7791Prov/PCT
 <140> 7791Prov/PCT
 <141> 2001-05-10
 <150> US 60/203,309
 <151> 2000-05-10
 <160> 1
 <170> PatentIn version 3.0

<210> 1
 <211> 40
 <212> PRT
 <213> Psalmopoeus carmbridgei

<220>
 <221> CHAIN
 <222> (1)..(40)
 <223> Psalmotoxin 1, first potent and specific blocker of the ASIC1A channels

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 Asp
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Cys Cys Glu Gly Leu Glu Cys Trp Lys Arg Arg Arg Ser Phe Glu
 Val
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Cys Val Pro Lys Thr Pro Lys Thr
 35 40